

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently Amended) A computer-implemented method for processing procedures, comprising:
 - associating, specifying using a processor, one or more actions
corresponding to a specified procedure with the procedures and, for
each specified action, one or more resources associated with the
action actions;
 - generating, by a processor, indicating an action order, including indicating
whether two or more of the specified actions are to be performed in
an order-dependent manner or in an order-independent manner;
 - presenting a list of the specified actions on a display to a user in a
presentation format;
 - receiving, by the processor, a user-entered command to perform at least
one of the actions using enabling the user to perform the specified
action by providing access to the resources associated with the
specified procedure actions; [[and]]
 - displaying, on a display device, a dashboard to the user to display or link
to status information of procedures started or monitored by the
user, wherein at least one of the displayed procedures is marked to
alert the user that the marked procedure requires attention; and
 - receiving, by a processor, a user-entered command to link at least one of
the procedures to at least one pre-existing procedure definition

such that subsequent modifications made to the linked procedure definition are automatically reflected in the linked procedure.

2. (Currently Amended) The method of claim 1, wherein the ~~specified~~ actions are identified by ~~[[a]]process pattern-patterns~~ associated with the ~~specified-procedure-procedures~~.
3. (Currently Amended) The method of claim 1, further comprising:
 - identifying one or more common action patterns;
 - abstracting each reusable common action pattern; and
 - providing a template including the abstracted patterns for the ~~specified-procedure-procedures~~ based on business context.
4. (Original) The method of claim 3, further comprising enabling the user to modify the template with ad-hoc collaboration actions based on work practice for a particular business scenario.
5. (Original) The method of claim 3, further comprising automatically adapting the template based on collaborative filtering or history tracking.
6. (Original) The method of claim 1, wherein the action makes a process pattern plug&execute by launching web-based services with semantics and functionality.

7. (Original) The method of claim 1, further comprising introducing rules and pre-configuring ad-hoc coordination patterns to handle exceptions and dependencies within actions.
8. (Original) The method of claim 7 further comprising providing a hybrid service that encapsulates transactional enterprise services and the related exception handling.
9. (Original) The method of claim 1 wherein an action launches an enterprise service directly or dissolves the service through a request to an UDDI server.
10. (Currently Amended) The method of claim 1 further comprising instantiating a ~~sub-procedure~~ sub-procedures from the ~~specified procedure~~ procedures.
11. (Currently Amended) The method of claim 10 wherein the ~~specified procedure~~ controls the sub-procedure procedures control the sub-procedures including stopping, freezing, and waiting for the sub-procedure.
12. (Original) The method of claim 1 wherein the actions are grouped into phases.
13. (Original) The method of claim 12 wherein a navigation model includes a phase indicator to navigate by phases of the procedure and display of actions and deliverables associated with the phase.

14. (Original) The method of claim 12 wherein the completion of a phase is a gate in a process that requires satisfaction of conditions from a higher level semantic before completion of the phase.
15. (Original) The method of claim 1 further comprising enabling a user to include ad-hoc collaboration actions.
16. (Original) The method of claim 15 wherein the ad-hoc collaboration actions comprise delegating a procedure or portion thereof, delegating an action that has been started, requesting approval, requesting a review or getting an opinion of another user.
17. (Original) The method of claim 1 further comprising associating deliverables, contributors and resources with an action.
18. (Previously Presented) The method of claim 17 further comprising providing displays for tracking the status of deliverables, contributors, resources, metrics, accomplish view, forecast view, procedure tree view, or delta view.
19. (Previously Presented) The method of claim 18 wherein the metrics are displayed and comprise frequency of use, average temporal duration, efficiency, number of breakdowns, iterations and quality of outcome.
20. (Previously Presented) The method of claim 18 wherein the accomplish view is displayed and comprises new deliverables, completed steps, steps started but not yet completed or the difference between two action completion dates.

21. (Previously Presented) The method of claim 18 wherein the delta view is displayed and provides a display comprising the differences between an accomplish from a first time and an accomplish view from a second time.
22. (Cancelled).
23. (Original) The method of claim 18 further comprising providing aggregated status information to another application or user interface pattern.
24. (Currently Amended) The method of claim 1 ~~wherein the list of one or more actions comprises~~ further comprising specifying whether an action is optional, mandatory, or protected.
25. (Currently Amended) The method of claim 1 further comprising enabling the user to specify that the ~~specified procedure requires~~ procedures require collaboration among two or more contributors.
26. (Original) The method of claim 1 further comprising enabling the user to determine a guided procedure trigger.
27. (Original) The method of claim 1 further comprising enabling the user to back track to previous actions.

28. (Currently Amended) The method of claim 1 further comprising automatically invalidating ~~the specified procedure~~ procedures in selected cases where the guided procedure trigger ceases to exist.
29. (Original) The method of claim 4 wherein modification of the template is aided by a wizard.
30. (Cancelled)
31. (Currently Amended) A hardware system comprising one or more computers₁ configured to process procedures, the system comprising:
- means for associating ~~specify one or more actions corresponding to a specified procedure with the procedures and, for each specified action, one or more resources associated with the action~~ actions;
- means for generating ~~indicate an action order, including indicating whether two or more of the specified actions are to be performed in an order-dependent manner or in an order-independent manner;~~
- means for presenting a list of ~~present the specified actions to a user in a presentation format;~~
- means for receiving a user-entered command to perform at least one of the actions using ~~enable the user to perform the specified action by providing access to the resources associated with the specified procedure~~ actions; [[and]]
- means for display ~~displaying a dashboard to the user to display or link to status information of procedures started or monitored by the user,~~

wherein at least one of the displayed procedures is marked to alert the user that the marked procedure requires attention; and

means for receiving a user-entered command to link the at least one of the procedures to at least one pre-existing procedure definition such that subsequent modifications made to the linked procedure definition are automatically reflected in the linked procedure.

32. (Currently Amended) The hardware system of claim [[23]] 31, wherein the ~~specified actions~~ are identified by ~~[[a]]process pattern patterns~~ associated with the ~~specified procedure~~ procedures.
33. (Currently Amended) The hardware system of claim [[23]] 31, further comprising ~~one or more computers configured to:~~
- means for ~~identify~~ identifying one or more common action patterns;
- means for ~~abstract~~ abstracting each reusable common action pattern; and
- means for ~~provide~~ providing a template including the abstracted patterns for the ~~specified procedure~~ procedures based on business context.
34. (Currently Amended) The hardware system of claim 33, further comprising means for ~~one or more computers configured to enable~~ enabling the user to modify the template with ad-hoc collaboration actions based on work practice for a particular business scenario.
35. (Currently Amended) The hardware system of claim 34, further comprising means for ~~one or more computers configured to enable~~ enabling the user to

automatically adapt the template based on collaborative filtering or history tracking.

36. (Currently Amended) The hardware system of claim 31, wherein the action makes a process pattern plug&execute by launching web-based services with semantics and functionality.
37. (Currently Amended) The hardware system of claim 31, further comprising means for one or more computers configured to enable enabling the user to introduce rules and pre-configure ad-hoc coordination patterns to handle exceptions and dependencies within actions.
38. (Currently Amended) The hardware system of claim 31, further comprising means for one or more computers configured to enable enabling the user to instantiate a sub-procedure sub-procedures from the specified procedure procedures.
39. (Currently Amended) The hardware system of claim 38, wherein the specified procedure controls the sub-procedure procedures control the sub-procedures.
40. (Currently Amended) The hardware system of claim 31 further comprising means for one or more computers configured to enable enabling a user to include ad-hoc collaboration actions.
41. (Currently Amended) The hardware system of claim 31 further comprising means for providing one or more computers configured to provide providing

displays for tracking the status of deliverables, contributors, resources, metrics, accomplish view, forecast view, procedure tree view, or the completion of the procedure.

42. (Currently Amended) An article comprising a machine-readable medium storing instructions operable to cause one or more machines to perform operations comprising:

~~associating, specifying using a processor, one or more actions~~

~~corresponding to a specified procedure with procedures and, for each specified action, one or more resources associated with the action actions;~~

~~generating, by a processor, indicating an action order, including indicating whether two or more of the specified actions are to be performed in an order-dependent manner or in an order-independent manner;~~

~~presenting a list of the specified actions on a display to a user in a presentation format;~~

~~receiving, by the processor, a user-entered command to perform at least one of the actions using enabling the user to perform the specified action by providing access to the resources associated with the specified procedure actions; [[and]]~~

~~displaying, on a display device, a dashboard to the user to display or link to status information of procedures started or monitored by the user, wherein at least one of the displayed procedures is marked to alert the user that the marked procedure requires attention; and~~

~~receiving, by a processor, a user-entered command to link at least one of the procedures to at least one pre-existing procedure definition~~

such that subsequent modifications made to the linked procedure definition are automatically reflected in the linked procedure.

43. (Currently Amended) The article of claim 42, wherein the ~~specified~~ actions are identified by ~~[[a]]process pattern-patterns~~ associated with the ~~specified-procedure~~ procedures.
44. (Currently Amended) The article of claim 42, further comprising storing instructions operable to cause one or more machines to perform operations comprising:
- identifying one or more common action patterns;
 - abstracting each reusable common action pattern; and
 - providing a template including the abstracted patterns for the ~~specified-procedure-procedures~~ based on business context.
45. (Original) The article of claim 44, further comprising storing instructions operable to cause one or more machines to perform operations comprising enabling the user to modify the template with ad-hoc collaboration actions based on work practice for a particular business scenario.
46. (Original) The article of claim 45, further comprising storing instructions operable to cause one or more machines to perform operations comprising automatically adapting the template based on collaborative filtering or history tracking.
47. (Original) The system of claim 42, wherein the action makes a process pattern plug&execute by launching web-based services with semantics and functionality.

48. (Original) The article of claim 42, further comprising storing instructions operable to cause one or more machines to perform operations comprising introducing rules and pre-configuring ad-hoc coordination patterns to handle exceptions and dependencies within actions.
49. (Currently Amended) The article of claim 42, further comprising storing instructions operable to cause one or more machines to perform operations comprising instantiating ~~a sub-procedure~~ sub-procedures from the ~~specified-procedure~~ procedures.
50. (Currently Amended) The system of claim 49, wherein the ~~specified-procedure~~ controls the sub-procedure procedures control the sub-procedures.
51. (Original) The article of claim 42, further comprising storing instructions operable to cause one or more machines to perform operations comprising including ad-hoc collaboration actions.
52. (Previously Presented) The article of claim 42, further comprising storing instructions operable to cause one or more machines to perform operations comprising providing displays for tracking the status of deliverables, contributors, resources, metrics, accomplish view, forecast view, procedure tree view, or the completion of the procedure.
53. (Withdrawn) A method comprising:

presenting an administrative-user with a graphical user interface-based application to generate definitions of procedures;

receiving input from the administrative-user defining a procedure, the received input to include a list of actions, one or more resources associated with each action, and an indication that two or more actions in the list are to be performed in an order-dependent manner or in an order-independent manner;

formatting the list of actions to conform to a designated navigation model; and

associating the defined procedure with one or more roles in a role-based portal environment.

54. (Withdrawn) The method of claim 53 wherein receiving the input defining the procedure is to include indications that a plurality of actions are to be performed in an order-dependent manner and that another plurality of actions are to be performed in an order-independent manner.
55. (Withdrawn) The method of claim 53 wherein receiving the input defining the procedure comprises a pre-existing procedure definition.
56. (Withdrawn) The method of claim 53 wherein receiving the input defining the procedure comprises a link to a pre-existing procedure definition such that subsequent modifications made to the pre-existing procedure definition are automatically reflected in the defined procedure.

57. (Currently Amended) An enterprise management consolidation hardware system comprising:

a cross-functional ~~application module~~ to provide communication between at least one of an object modeling tool, a process modeling tool, and a user interface tool, wherein the user interface tool ~~is configured to~~ comprises:

means for ~~specify associating one or more actions corresponding to a specified procedure with procedures and, for each specified action, one or more resources associated with the action~~ actions;

means for ~~indicate generating an action order, including indicating whether two or more of the specified actions are to be performed in an order-dependent manner or in an order-independent manner;~~

means for ~~present presenting a list of the specified actions to a user in a presentation format;~~

means for ~~receiving a user-entered command to perform at least one of the actions using enable the user to perform the specified action by providing access to the resources associated with the specified procedure~~ actions; [[and]]

means for ~~display displaying a dashboard to the user to display or link to status information of procedures started or monitored by the user, wherein at least one of the displayed procedures is marked to alert the user that the marked procedure requires attention;~~ and

means for receiving a user-entered command to link the at least one of the procedures to at least one pre-existing procedure definition such that subsequent modifications made to the linked procedure definition are automatically reflected in the linked procedure.

58. (Currently Amended) The enterprise management consolidation hardware system of claim 57 wherein the user interface tool further comprises means for is-
~~configured to associate~~ associating deliverables, contributors, and resources with an action.
59. (Currently Amended) The enterprise management consolidation hardware system of claim 58 wherein the user interface tool further comprises means for is-
~~configured to communicate~~ communicating with a resource finder to locate contributors.
60. (Currently Amended) The enterprise management consolidation hardware system of claim 57 wherein the tool further comprises means for is-
~~configured to communicate~~ communicating with a community membership site.
61. (Currently Amended) The enterprise management consolidation hardware system of claim 57 wherein the tool further comprises means for is-
~~configured to communicate~~ communicating with a personal guru page.

62. (Currently Amended) The method of claim 1, wherein the procedures ~~included in the dashboard~~ displayed on the display device are procedures to which the user is a contributor, or procedures that the user has selected to monitor.
63. (Currently Amended) The hardware system of claim 31, wherein the displayed procedures ~~included in the dashboard~~ are procedures to which the user is a contributor, or procedures that the user has selected to monitor.
64. (Currently Amended) The article of claim 42, wherein the displayed procedures ~~included in the dashboard~~ are procedures to which the user is a contributor, or procedures that the user has selected to monitor.
65. (Currently Amended) The enterprise management consolidation hardware system of claim 57, wherein the displayed procedures ~~included in the dashboard~~ are procedures to which the user is a contributor, or procedures that the user has selected to monitor.